



Międzynarodowa Środowiskowa Szkoła Doktorska
przy **Centrum Studiów Polarnych**
w Uniwersytecie Śląskim w Katowicach

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**The International Environmental Doctoral School associated with the Centre for Polar Studies
at the University of Silesia in Katowice**

SEMINAR PROGRAMME

Monday, September 20, 2021

Time	Name and surname	PhD project	Discipline	Affiliation
9.00-9.10	Welcome by the Dean of the IEDS and Chairs of the Mid-term Evaluation Committees			
9.10-9.40	Das Bidesh	Time-optimal control of a two-peakon collision	mathematics	Institute of Mathematics PAS
9.40-10.10	Hedvig Csapó	Comparative phylogeography of boreal marine macroinvertebrates colonising High Arctic	Earth end related environmental sciences	Institute of Oceanology PAS
10.10-10.40	Kamil Kachniarz	Determinants of internal structure of glaciers in Spitsbergen	Earth end related environmental sciences	University of Silesia in Katowice
10.40-11.10	Marta Majerska	Hindcasting and projections of hydro-climatic conditions of southern Spitsbergen	Earth end related environmental sciences	Institute of Geophysics PAS
11.10-11.20	Break			
11.20-11.50	Aleksandra Osika	Glaciers and environment of their forefields in S Spitsbergen during the Holocene Climatic Optimum	Earth end related environmental sciences	University of Silesia in Katowice
11.50-12.20	Julian Podgórski	Assessing glacier calving activity with indirect remote sensing methods	Earth end related environmental sciences	Institute of Geophysics PAS



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12.20-12.50	Paulina Rudnicka	Glaciers as secondary sources of inorganic pollution to the water of the Spitsbergen fjord	Earth end related environmental sciences	Institute of Oceanology PAS
12.50-13.20	Marlena Szeligowska	Modelling the Content (Plankton&Particles) of the Spitsbergen Coastal Waters under Different Scenarios of Environmental Changes	Earth end related environmental sciences	Institute of Oceanology PAS
13.20-13.30	Break			
13.30-14.00	Joanna Tuszyńska	Response of glacier dynamics to climate change on the example of the Hans Glacier, Svalbard	Earth end related environmental sciences	University of Silesia in Katowice
14.00-14.30	Dariusz Zajączkowski	Variability of selected components of the radiation balance against the background of meteorological conditions and air pollutions in Górnośląsko-Zagłębiowska Metropolis (GZM)	Earth end related environmental sciences	University of Silesia in Katowice
14.30-15.00	Anna Sowa	Processes of colonization on rocky coast in dynamic Arctic marine environment	Earth end related environmental sciences	Institute of Oceanology PAS
15.00-15.10	Final words by the Dean of the IEDS and Chairs of the Mid-term Evaluation Committees			